BOOK

ns Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

Forst & Fibral Bill

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 83148

Serial No.....

Name of work Providing CC Roads at Basavanna Temple Surroundings Doddabomma Sandra old village From ward no-10 To.....

Name of Contractor of nature of Agency.... Sri. K.N. Subhareddy

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work Code NO; 010-16-000005.						
	Head of Account; P-3089.						
	Administrative Approval NO; BBMP/CE/YNK/PR/03/15-16. Dt 19-08-2015.						
	Technical Sanction NO; BBMP/EE/PR/89/15-16, Dt 26-08-2015.						
	Work order NO; EE/BTP/BBMP/E-PMT/199/2015-16, Dt 05-02-2016.						
	Address of Agency; # 106/B/ Ashwathnagar. RMV 2nd Stage, Bangalore-94.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement Recorded on 25-6-2016						
	1) Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 mt, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications						
	B.G. Murikrishnappa Layout	1	30.00	$\frac{(4.8+4.0)}{2}$	0.15 =	19.80	
		1	30.00	$\frac{(4.0+4.2)}{2}$	0.20 =	24.60	
		1	30.00	$\frac{(4.2+3.8)}{2}$	0.15 =	18.00	
		1	31.00	3.80^2	0.20 =	23.56	
	Basavanna Temple Road	1	21.50	$\frac{(2.0+2.4+3.1)}{3}$	0.20 =	10.75	
		1	26.00	$\frac{(2.1+3.0+2.1)}{3}$	0.20 =	12.00	
		1	11.40	1.40	0.15 =	2.39	
		1	19.80	$\frac{(1.6+1.7)}{2}$	0.15 =	4.90	
	Seethappa Layout	1	30.00	$\frac{(6.0+5.3)}{2}$	0.20 =	33.90	

Serial No.....

Name of work.....

Name of Contractor of nature of Ag

Date of commencement of work...

Date	Full description, etc, of work
1	2
	C&F C Assistant Executive E Vidyaranyapura Sub D BBMP, Bangalore
	2) Measurement continu providing and lay cement @ 180 kgs w aggregates @ 0.8 concrete laid in La foundation and

OK

	Depth 6	Contents 7	Reference to last Measurement 8
2016			
on ordinary soil involving an			
d an average lift upto 0.5mt, excavate			
the disposed earth to be leveled			
e as per specifications			
)	0.15 =	19.80	
)	0.20 =	24.60	
8)	0.15 =	18.00	
	0.20 =	23.56	
3.)	0.20 =	10.75	
2.)	0.20 =	12.00	
	0.15 =	2.39	
)	0.15 =	4.90	
)	0.20 =	33.90	

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 : 83149

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	C&F-C Mehuldeep Executive Engineer Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97	1	8.40 (5.3+5.0)/2		0.15 =	6.49	
					Total =	156.39 cum	56.38
	Qty limited to Tender				=	156.08 cum	
	@ Rs 66.45					Rs 10372.00	
						Sadhan AE 23/6/16	
	Measurement continued on 6-7-2016						
2)	providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed concrete laid in layers not exceeding 15cms thick, well compacted in foundation and plinth, including cost of all materials						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	B.G. Ravikrishnappa Layout	4	30.00	(4.8+4.0)/2	0.20 =	26.40	
		1	30.00	(4.0+4.2)/2	0.20 =	24.60	
		1	30.00	(4.2+3.8)/2	0.20 =	24.00	
		1	31.00	3.80	0.20 =	23.56	
	Basavanna Temple Road	1	21.50	(3.0+2.4+3.1)/3	0.15 =	8.06	
		1	25.00	(2.1+3.0+2.1)/3	0.15 =	9.00	
		1	11.40	1.40	0.15 =	2.39	
		1	19.80	(1.6+1.7)/2	0.15 =	4.90	
	Seetappa Layout	1	30.00	(6.0+5.3)/2	0.15 =	25.43	
		1	8.40	(5.3+5.0)/2	0.20 =	8.65	
					Total =	156.99 cum	
			Qty limited to Tender		=	156.08 cum	
		@ Rs 4260.55				Rs	664987.00

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Jodhas
AE 6/7/16

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	
3)	Providing and laying in Cement @ 300kgs, with 20 aggregates @ 0.64 cum and mixed, concrete laid in lay foundation, plinth and BG Ravikrishnappa Layout	

M

epth 6	Contents 7	Reference to last Measurement 8
0 =	26.40	
0 =	24.60	
0 =	24.00	
0 =	23.50	
5 =	8.06	
5 =	9.00	
5 =	2.89	
5 =	4.90	
5 =	25.43	
0 =	8.65	
ul =	156.89 cum	
=	156.08 cum	
	Rs 664987.00	

Jodhas
AE 6/7/16

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 83150

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Measurement continued on 11-8-2016						
3)	providing and laying in position plain cement concrete of mix M20 with OPC Cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregates @ 0.43 cum with superplastisizer, machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted in foundation, plinth and cills, including cost of all materials.						
	BG Muvva Krishna PPG Layout	1	30.00 (4.8+4.0)		0.125 =	16.50	
		1	30.00 ($\frac{4.0+4.2}{2}$)		0.125 =	15.38	
		1	30.00 ($\frac{4.2+3.8}{2}$)		0.125 =	15.00	
	Dr. 25/8	1	31.00	3.80	0.125 =	14.73	
	M.B. (25.00)						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Basavanna Temple Road	1	21.50	(2.0+2.4+3.10)/3	0.125	= 6.72	
		1	25.00	(2.1+3.0+2.10)/3	0.125	= 7.50	
		1	11.40	1.40	0.125	= 2.00	
		1	19.80	(1.6+1.7)/2	0.125	= 4.08	
	Seethappa Layout 781	1	30.00	(6.0+6.3)/2	0.125	= 24.19	
			8.40	(5.3+5.0)/2	0.40	= 4.33	
					Total =	107.41 Cum	
		Qty limited to Tender			=	104.05 Cum	
		@ Rs 5144.37					Rs 535272.00

Checked

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Serial No.....

Name of work.....

Name of Contractor of nature of

Date of commencement of work

Date	Full description, etc, of w
1	2
a)	Vaccum De-wate with skin floate Hire of machine BG Krishnapp Layout
	Basavanna Temple R

BOOK

ns		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
2.4+3.10)	0.125 =	6.72	
3			
30+2.10)	0.125 =	7.50	
3			
40	0.125 =	2.00	
5+4.7)	0.125 =	4.08	
2			
+5.3)	0.125 =	21.19	
	0.10 =	4.33	
+5.0)			
2	Total =	107.41 cum	
Tender	=	104.05 cum	
		Rs 535272.00	

M.A.R. 57 (Rule 116)

Measurement Book · No. A/10 83151

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
4)	Vaccum De-watering with Skim floater clubbed with floating disc including cost of generator hire of machinery Screed vibrating, power floater, blade and disc etc						
	BG Muniskrishnappa	1	30.00	(4.8+4.0)/2	=	132.00	
	Layout	1	30.00	(4.0+4.2)/2	=	123.00	
		1	30.00	(4.2+3.8)/2	=	120.00	
		1	31.00	(3.8)/2	=	117.80	
	Basaveswara Temple Road	1	21.50	(2.0+2.4+3.6)/3	=	83.75	
		1	26.00	(2.1+3.0+2.1)/3	=	60.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	11.40	1.40	=	15.96	
		1	19.80	(1.6+4.7)/2	=	32.67	
	Seethapa Layout	1	30.00	(6.0+5.3)/2	=	169.80	
		1	8.40	(5.3+5.0)/2	=	43.26	
					Total =	867.94 Sqm	
	Qty limited to Tender				=	855.00 Sqm	
	@ Rs 85.08					Rs 72743.00	
	Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97						
5)	providing groove cutting for cement pavement width of 5mm to 10mm depth 80mm - 100mm including cost of cutting machine, generator and HOM of machinery including cost of blade, coolant etc, including cleaning of groove and providing sand and hot bitumen fillers and filler metal etc						

Serial No.....

Name of work.....

Name of Contractor of na

Date of commencement

Date	Full description,
1	2
	BG Mundkur
	Basavanna Te
	Seethappa La
6)	Lead for Do means inc

epth 6	Contents 7	Reference to last Measurement 8
=	15.96	
=	32.67	
=	169.80	
=	43.26	
tal =	867.94 Sqmt	
=	855.00 Sqmt	
	Rs 72743.00	

h of sman to comm depth
ine, generated and HOM of
including cleaning of groove
filler metal etc

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 83152

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	BG Munikrishnappa Layout	14	4.20		=	58.80	
	Basavanna Temple Road	7	8.30		=	37.10	
	Seethappa Layout	3	2.00		=	6.00	
					Total =	101.90 Rmt	
		Qty limited to Tender			=	99.90 Rmt	
		@ Rs	108.68			Rs	10857.00
	6) Lead for Disposal of Debris shall be payable at carriage rates by mechanical means including loading and unloading etc complete as per Specification						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide Item No-01				Total =	156.08 Cum	
	@ Rs 64.37					Rs 10047.00	
					Total Rs	1304278.00	
						1304277.00	
						Zadha	
						AE 11/8/2016	
	Certificate;						
	certified that the above work done satisfactory and no-materials issued from departmentally						
	Zadha						
	AE 11/8/2016						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No.....

Name of work.....

Name of Contractor of nature of Ag

Date of commencement of work....

Date	Full description, etc, of work
1	2
	Sketch showing

Zadha
AE 11/8/2016

Depth 6	Contents 7	Reference to last Measurement 8
=	156.08 Cum	
	Rs 10047.00	
Total	Rs 1304278.00	
	1304277.00	
	Jadha AE 11/8/2016	
Satisfactory mentary		
Executive Engineer apura Sub Division Bangalore - 97		

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 **83153**

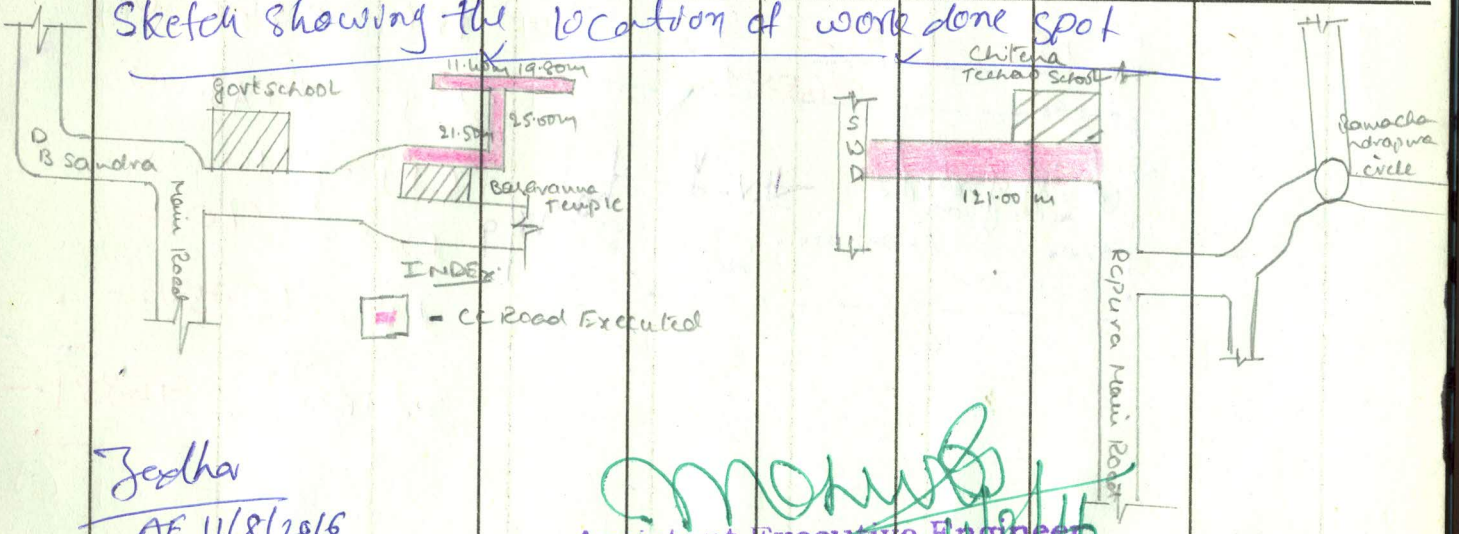
Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Sketch showing the location of work done spot						



Jadha AE 11/8/2016

Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Audited & Admitted for Rs
1304270-00
1207389/-
96881/-
and Rs
Accts. Supdt.
Byatarayanapura Dn. Bye...
BBMP

17/9

IT - 13043-00
VAT - 52175-00
LWF - 13043-00
CBF - 1310-00
Fine - 1560-
SR - 15750-
Total 96881/-

M.A

Serial No.....
Name of work.....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Numb
1	2	3